Dafeng Hui

List of Publications by Year
in descending order

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Version: 2024-02-01

187 papers	11,481 citations	50276 46 h-index	34986 98 g-index
190 all docs	190 docs citations	190 times ranked	12530 citing authors

#	Article	IF	Citations
1	Comparative impact of light and neighbor effect on the growth of introduced speciesSonneratia apetalaand native mangrove species in China: implications for restoration. Restoration Ecology, 2022, 30, e13522.	2.9	2
2	Density-dependent plant-soil feedbacks of two plant species affected by plant competition. Science of the Total Environment, 2022, 807, 150908.	8.0	7
3	Decreased glomalin-related soil protein with nitrogen deposition in a 3-year-old Cunninghamia lanceolata plantation. Journal of Soils and Sediments, 2022, 22, 931-941.	3.0	4
4	Increased interannual precipitation variability enhances the carbon sink in a semiâ€arid grassland. Functional Ecology, 2022, 36, 987-997.	3.6	10
5	Using single cell type proteomics to identify Al-induced proteomes in outer layer cells and interior tissues in the apical meristem/cell division regions of tomato root-tips. Journal of Proteomics, 2022, 255, 104486.	2.4	6
6	Increased interactions between iron oxides and organic carbon under acid deposition drive large increases in soil organic carbon in a tropical forest in southern China. Biogeochemistry, 2022, 158, 287-301.	3.5	7
7	Mycorrhizal fungi alleviate acidificationâ€induced phosphorus limitation: Evidence from a decadeâ€long field experiment of simulated acid deposition in a tropical forest in south China. Global Change Biology, 2022, 28, 3605-3619.	9.5	30
8	Increased precipitation and nitrogen addition accelerate the temporal increase in soil respiration during 8â€year oldâ€field grassland succession. Global Change Biology, 2022, 28, 3944-3959.	9.5	18
9	Mycorrhizal suppression decouples the coordination of plant functional traits that mediate nitrogen acquisition under different soil water contents in a subtropical wetland ecosystem. Applied Soil Ecology, 2022, 175, 104441.	4.3	5
10	Stimulation of ammonia oxidizer and denitrifier abundances by nitrogen loading: Poor predictability for increased soil N₂O emission. Global Change Biology, 2022, 28, 2158-2168.	9.5	54
11	Emerging weed resistance increases tillage intensity and greenhouse gas emissions in the US cornâ€“soybean cropping system. Nature Food, 2022, 3, 266-274.	14.0	10
12	Global Climate Change and Greenhouse Gases Emissions in Terrestrial Ecosystems. , 2022, , 23-76.		3
13	Responses of Nutrient Resorption to Human Disturbances in Phoebe bournei Forests. Forests, 2022, 13, 905.	2.1	3
14	Effects of Grazing, Wind Erosion, and Dust Deposition on Plant Community Composition and Structure in a Temperate Steppe. Ecosystems, 2021, 24, 403-420.	3.4	18
15	Bryophyte diversity is related to vascular plant diversity and microhabitat under disturbance in karst caves. Ecological Indicators, 2021, 120, 106947.	6.3	24
16	Phosphorus addition decreases microbial residual contribution to soil organic carbon pool in a tropical coastal forest. Global Change Biology, 2021, 27, 454-466.	9.5	84
17	Adaptive ensemble of classifiers with regularization for imbalanced data classification. Information Fusion, 2021, 69, 81-102.	19.1	17
18	Long-term structural and functional changes in Acacia mangium plantations in subtropical China. Landscape and Ecological Engineering, 2021, 17, 11-19.	1.5	3

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19	Effects of Biochar Application on Soil Properties, Plant Biomass Production, and Soil Greenhouse Gas Emissions: A Mini-Review. Agricultural Sciences, 2021, 12, 213-236.	0.3	8
20	Effects of Wollastonia biflora expansion on the soil seed bank in native forest communities on a tropical coral island. Global Ecology and Conservation, 2021, 25, e01403.	2.1	3
21	Global Climate Change and Greenhouse Gases Emissions in Terrestrial Ecosystems. , 2021, , 1-54.		3
22	Allometric growth and carbon storage in the mangrove Sonneratia apetala. Wetlands Ecology and Management, 2021, 29, 129-141.	1.5	7
23	Plantations modified leaf elemental stoichiometry compared to the native shrub community in karst areas, Southwest of China. Trees - Structure and Function, 2021, 35, 987-999.	1.9	5
24	Asymmetric responses of resource use efficiency to previousâ€year precipitation in a semiâ€arid grassland. Functional Ecology, 2021, 35, 807-814.	3.6	9
25	Elevated atmospheric CO 2 concentration triggers redistribution of nitrogen to promote tillering in rice. Plant-Environment Interactions, 2021, 2, 125-136.	1.5	3
26	Soil extracellular oxidases mediated nitrogen fertilization effects on soil organic carbon sequestration in bioenergy croplands. GCB Bioenergy, 2021, 13, 1303-1318.	5.6	5
27	Soil C:N:P stoichiometry in tropical forests on Hainan Island of China: Spatial and vertical variations. Catena, 2021, 201, 105228.	5.0	39
28	Precipitation and nitrogen application stimulate soil nitrous oxide emission. Nutrient Cycling in Agroecosystems, 2021, 120, 363-378.	2.2	10
29	Divergent responses of primary production to increasing precipitation variability in global drylands. Global Change Biology, 2021, 27, 5225-5237.	9.5	31
30	Plant functional types regulate nonâ€additive responses of soil respiration to 5â€year warming and nitrogen addition in a semiâ€arid grassland. Functional Ecology, 2021, 35, 2593-2603.	3.6	13
31	Longâ€term litter removal rather than litter addition enhances ecosystem carbon sequestration in a temperate steppe. Functional Ecology, 2021, 35, 2799-2807.	3.6	6
32	Short-term canopy and understory nitrogen addition differ in their effects on seedlings of dominant woody species in a subtropical evergreen broadleaved forest. Global Ecology and Conservation, 2021, 31, e01855.	2.1	5
33	Seasonal not annual precipitation drives 8-year variability of interannual net CO2 exchange in a salt marsh. Agricultural and Forest Meteorology, 2021, 308-309, 108557.	4.8	7
34	Acclimation of coastal wetland vegetation to salinization results in the asymmetric response of soil respiration along an experimental precipitation gradient. Agricultural and Forest Meteorology, 2021, 310, 108626.	4.8	10
35	Climatic and edaphic controls over the elevational pattern of microbial necromass in subtropical forests. Catena, 2021, 207, 105707.	5.0	23
36	Multiple constraints cause positive and negative feedbacks limiting grassland soil CO₂efflux under CO₂enrichment. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	5

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37	Phosphorus rather than nitrogen enhances CO₂ emissions in tropical forest soils: Evidence from a laboratory incubation study. European Journal of Soil Science, 2020, 71, 495-510.	3.9	21
38	Asymmetric responses of soil respiration in three temperate steppes along a precipitation gradient in northern China revealed by soil-monolith transplanting experiment. Agricultural and Forest Meteorology, 2020, 294, 108126.	4.8	14
39	Vertical distributions of soil microbial biomass carbon: a global dataset. Data in Brief, 2020, 32, 106147.	1.0	6
40	Relationships between vegetation and soil seed banks along a center-to-edge gradient on a tropical coral island. Ecological Indicators, 2020, 117, 106689.	6.3	5
41	Effects of nitrogen fertilization and bioenergy crop species on central tendency and spatial heterogeneity of soil glycosidase activities. Scientific Reports, 2020, 10, 19681.	3.3	4
42	Reduced Lignin Decomposition and Enhanced Soil Organic Carbon Stability by Acid Rain: Evidence from 13C Isotope and 13C NMR Analyses. Forests, 2020, 11, 1191.	2.1	12
43	Site conditions interact with litter quality to affect home-field advantage and rhizosphere effect of litter decomposition in a subtropical wetland ecosystem. Science of the Total Environment, 2020, 749, 141442.	8.0	19
44	Nitrogen Uptake by Two Plants in Response to Plant Competition as Regulated by Neighbor Density. Frontiers in Plant Science, 2020, 11, 584370.	3.6	14
45	Light availability, soil phosphorus and different nitrogen forms negatively affect the functional diversity of subtropical forests. Global Ecology and Conservation, 2020, 24, e01334.	2.1	2
46	Light and competition alter leaf stoichiometry of introduced species and native mangrove species. Science of the Total Environment, 2020, 738, 140301.	8.0	26
47	Soil properties rather than climate and ecosystem type control the vertical variations of soil organic carbon, microbial carbon, and microbial quotient. Soil Biology and Biochemistry, 2020, 148, 107905.	8.8	71
48	Soil organic carbon turnover following forest restoration in south China: Evidence from stable carbon isotopes. Forest Ecology and Management, 2020, 462, 117988.	3.2	10
49	Comparative Proteomics of Root Apex and Root Elongation Zones Provides Insights into Molecular Mechanisms for Drought Stress and Recovery Adjustment in Switchgrass. Proteomes, 2020, 8, 3.	3.5	5
50	Nitrogen Fertilization Restructured Spatial Patterns of Soil Organic Carbon and Total Nitrogen in Switchgrass and Gamagrass Croplands in Tennessee USA. Scientific Reports, 2020, 10, 1211.	3.3	7
51	Al-induced proteomics changes in tomato plants over-expressing a glyoxalase I gene. Horticulture Research, 2020, 7, 43.	6.3	7
52	Effects of nitrogen fertilization and bioenergy crop type on topsoil organic carbon and total Nitrogen contents in middle Tennessee USA. PLoS ONE, 2020, 15, e0230688.	2.5	6
53	Straw incorporation influences soil organic carbon sequestration, greenhouse gas emission, and crop yields in a Chinese rice (Oryza sativa L.) â€“wheat (Triticum aestivum L.) cropping system. Soil and Tillage Research, 2019, 195, 104377.	5.6	68
54	Changes in plant functional traits and their relationships with environmental factors along an urban-rural gradient in Guangzhou, China. Ecological Indicators, 2019, 106, 105558.	6.3	37

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55	Fine root dynamics responses to nitrogen addition depend on root order, soil layer, and experimental duration in a subtropical forest. Biology and Fertility of Soils, 2019, 55, 723-736.	4.3	32
56	Main and interactive effects of increased precipitation and nitrogen addition on growth, morphology, and nutrition of Cinnamomum burmanni seedlings in a tropical forest. Global Ecology and Conservation, 2019, 20, e00734.	2.1	15
57	Direct seeding for rice production increased soil erosion and phosphorus runoff losses in subtropical China. Science of the Total Environment, 2019, 695, 133845.	8.0	20
58	Asymmetric responses of plant community structure and composition to precipitation variabilities in a semi-arid steppe. Oecologia, 2019, 191, 697-708.	2.0	22
59	Differential Responses and Controls of Soil CO2 and N2O Fluxes to Experimental Warming and Nitrogen Fertilization in a Subalpine Coniferous Spruce (Picea asperata Mast.) Plantation Forest. Forests, 2019, 10, 808.	2.1	10
60	Influences of plant interspecific competition and arbuscular mycorrhizal fungi on nitrogen form preference of an invasive plant. Biogeochemistry, 2019, 145, 295-313.	3.5	13
61	One-time nitrogen fertilization shifts switchgrass soil microbiomes within a context of larger spatial and temporal variation. PLoS ONE, 2019, 14, e0211310.	2.5	9
62	Mulch Treatment Effect on Weed Biomass and Yields of Organic Sweetpotato Cultivars. Agronomy, 2019, 9, 190.	3.0	21
63	Responses of soil carbon sequestration to climateâ€smart agriculture practices: A metaâ€analysis. Global Change Biology, 2019, 25, 2591-2606.	9.5	205
64	Growth controls over flowering phenology response to climate change in three temperate steppes along a precipitation gradient. Agricultural and Forest Meteorology, 2019, 274, 51-60.	4.8	21
65	Are reproductive traits of dominant species associated with specific resource allocation strategies during forest succession in southern China?. Ecological Indicators, 2019, 102, 538-546.	6.3	14
66	Plant Feedback Aggravates Soil Organic Carbon Loss Associated With Wind Erosion in Northwest China. Journal of Geophysical Research G: Biogeosciences, 2019, 124, 825-839.	3.0	17
67	Recovery in soil carbon stock but reduction in carbon stabilization after 56-year forest restoration in degraded tropical lands. Forest Ecology and Management, 2019, 441, 1-8.	3.2	30
68	Antioxidant and antidiabetic properties of Chinese and Indian bitter melons (Momordica charantia L.). Food Bioscience, 2019, 29, 73-80.	4.4	13
69	Effects of fly ash application on plant biomass and element accumulations: a meta-analysis. Environmental Pollution, 2019, 250, 137-142.	7.5	36
70	Integrating Wildfires Propagation Prediction Into Early Warning of Electrical Transmission Line Outages. IEEE Access, 2019, 7, 27586-27603.	4.2	27
71	Plant interactions modulate root litter decomposition and negative plant-soil feedback with an invasive plant. Plant and Soil, 2019, 437, 179-194.	3.7	16
72	Changes in Soil Microbial Biomass, Community Composition, and Enzyme Activities After Half-Century Forest Restoration in Degraded Tropical Lands. Forests, 2019, 10, 1124.	2.1	10

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73	Elevated CO₂ does not stimulate carbon sink in a semi-arid grassland. Ecology Letters, 2019, 22, 458-468.	6.4	34
74	Model Simulation of Cucumber Yield and Microclimate Analysis in a Semi-closed Greenhouse in China. Hortscience: A Publication of the American Society for Hortcultural Science, 2019, 54, 547-554.	1.0	7
75	Differential effects of warming and nitrogen fertilization on soil respiration and microbial dynamics in switchgrass croplands. GCB Bioenergy, 2018, 10, 565-576.	5.6	21
76	Nitrogen Fertilization Elevated Spatial Heterogeneity of Soil Microbial Biomass Carbon and Nitrogen in Switchgrass and Gamagrass Croplands. Scientific Reports, 2018, 8, 1734.	3.3	16
77	Responses of seedling performance to altered seasonal precipitation in a secondary tropical forest, southern China. Forest Ecology and Management, 2018, 410, 27-34.	3.2	15
78	Plant functional groups regulate soil respiration responses to nitrogen addition and mowing over a decade. Functional Ecology, 2018, 32, 1117-1127.	3.6	52
79	Changing rainfall frequency rather than drought rapidly alters annual soil respiration in a tropical forest. Soil Biology and Biochemistry, 2018, 121, 8-15.	8.8	41
80	Shifts of growingâ€season precipitation peaks decrease soil respiration in a semiarid grassland. Global Change Biology, 2018, 24, 1001-1011.	9.5	95
81	Improvements in the Root Morphology, Physiology, and Anatomy of Platycladus orientalis Seedlings from Air-root Pruning. Hortscience: A Publication of the American Society for Hortcultural Science, 2018, 53, 1750-1756.	1.0	8
82	Weak Effects of Biochar and Nitrogen Fertilization on Switchgrass Photosynthesis, Biomass, and Soil Respiration. Agriculture (Switzerland), 2018, 8, 143.	3.1	13
83	Greenhouse gas emissions and crop yield in no-tillage systems: A meta-analysis. Agriculture, Ecosystems and Environment, 2018, 268, 144-153.	5.3	135
84	Electrical conductivity of nutrient solution influenced photosynthesis, quality, and antioxidant enzyme activity of pakchoi (Brassica campestris L. ssp. Chinensis) in a hydroponic system. PLoS ONE, 2018, 13, e0202090.	2.5	103
85	Imbalanced plant stoichiometry at contrasting geologic-derived phosphorus sites in subtropics: the role of microelements and plant functional group. Plant and Soil, 2018, 430, 113-125.	3.7	21
86	Effects of precipitation changes on switchgrass photosynthesis, growth, and biomass: A mesocosm experiment. PLoS ONE, 2018, 13, e0192555.	2.5	31
87	Global relationship of fire occurrence and fire intensity: A test of intermediate fire occurrenceâ€intensity hypothesis. Journal of Geophysical Research G: Biogeosciences, 2017, 122, 1123-1136.	3.0	17
88	Nonlinear responses of soil respiration to precipitation changes in a semiarid temperate steppe. Scientific Reports, 2017, 7, 45782.	3.3	39
89	Responses of terrestrial ecosystem phosphorus cycling to nitrogen addition: A metaâ€analysis. Global Ecology and Biogeography, 2017, 26, 713-728.	5.8	196
90	Interactive effects of temperature and moisture on composition of the soil microbial community. European Journal of Soil Science, 2017, 68, 909-918.	3.9	40

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91	Carbon balance under four double-season cropping systems in North China Plain. Plant and Soil, 2017, 421, 319-336.	3.7	8
92	Responses of switchgrass soil respiration and its components to precipitation gradient in a mesocosm study. Plant and Soil, 2017, 420, 105-117.	3.7	19
93	Sensory Evaluation of Organic Sweetpotato Cultivars. International Journal of Vegetable Science, 2017, 23, 536-551.	1.3	9
94	Rain-induced changes in soil CO2 flux and microbial community composition in a tropical forest of China. Scientific Reports, 2017, 7, 5539.	3.3	17
95	Effects of precipitation changes on aboveground net primary production and soil respiration in a switchgrass field. Agriculture, Ecosystems and Environment, 2017, 248, 29-37.	5.3	48
96	Longâ€term antagonistic effect of increased precipitation and nitrogen addition on soil respiration in a semiarid steppe. Ecology and Evolution, 2017, 7, 10804-10814.	1.9	19
97	Quantifying the short-term dynamics of soil organic carbon decomposition using a power function model. Ecological Processes, 2017, 6, .	3.9	5
98	A global metaâ€analysis of soil phosphorus dynamics after afforestation. New Phytologist, 2017, 213, 181-192.	7.3	96
99	Climate Change and Carbon Sequestration in Forest Ecosystems. , 2017, , 555-594.		13
100	Soil salinity increases the tolerance of excessive sulfur fumigation stress in tomato plants. Environmental and Experimental Botany, 2017, 133, 70-77.	4.2	25
101	Effects of warming and increased precipitation on net ecosystem productivity: A long-term manipulative experiment in a semiarid grassland. Agricultural and Forest Meteorology, 2017, 232, 359-366.	4.8	65
102	Precipitation legacy effects on dryland ecosystem carbon fluxes: direction, magnitude and biogeochemical carryovers. Biogeosciences, 2016, 13, 425-439.	3.3	50
103	Drought-Induced Leaf Proteome Changes in Switchgrass Seedlings. International Journal of Molecular Sciences, 2016, 17, 1251.	4.1	18
104	Soil extracellular enzyme activities, soil carbon and nitrogen storage under nitrogen fertilization: A meta-analysis. Soil Biology and Biochemistry, 2016, 101, 32-43.	8.8	483
105	Assessing the impacts of tillage and fertilization management on nitrous oxide emissions in a cornfield using the DNDC model. Journal of Geophysical Research G: Biogeosciences, 2016, 121, 337-349.	3.0	45
106	Exogenous glutathione improves high root-zone temperature tolerance by modulating photosynthesis, antioxidant and osmolytes systems in cucumber seedlings. Scientific Reports, 2016, 6, 35424.	3.3	76
107	Broad-sense heritability and genetic gain for powdery mildew resistance in multiple pseudo-F2 populations of flowering dogwoods (Cornus florida L.). Scientia Horticulturae, 2016, 213, 216-221.	3.6	5
108	Water-soluble yellow mustard mucilage: A novel ingredient with potent antioxidant properties. International Journal of Biological Macromolecules, 2016, 91, 710-715.	7.5	27

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109	Proteome Modification in Tomato Plants upon Long-Term Aluminum Treatment. Journal of Proteome Research, 2016, 15, 1670-1684.	3.7	37
110	Responses of corn physiology and yield to six agricultural practices over three years in middle Tennessee. Scientific Reports, 2016, 6, 27504.	3.3	14
111	Soil microbial community composition and respiration along an experimental precipitation gradient in a semiarid steppe. Scientific Reports, 2016, 6, 24317.	3.3	82
112	Effects of simulated acid rain on soil respiration and its components in a subtropical mixed conifer and broadleaf forest in southern China. Environmental Sciences: Processes and Impacts, 2016, 18, 246-255.	3.5	21
113	Prolonged acid rain facilitates soil organic carbon accumulation in a mature forest in Southern China. Science of the Total Environment, 2016, 544, 94-102.	8.0	55
114	Soil microbial community and its interaction with soil carbon and nitrogen dynamics following afforestation in central China. Science of the Total Environment, 2016, 541, 230-237.	8.0	208
115	Effects of Heat Shock on Photosynthetic Properties, Antioxidant Enzyme Activity, and Downy Mildew of Cucumber (Cucumis sativus L.). PLoS ONE, 2016, 11, e0152429.	2.5	43
116	Convergence of microbial assimilations of soil carbon, nitrogen, phosphorus and sulfur in terrestrial ecosystems. Scientific Reports, 2015, 5, 17445.	3.3	35
117	Mycorrhizal Enhancement of Biomass Productivity of Big Bluestem and Switchgrass in Neutral and Acidic Substrate. Journal of Applied Bioscience, 2015, 89, 8263.	0.7	1
118	Corn Yield and Soil Nitrous Oxide Emission under Different Fertilizer and Soil Management: A Three-Year Field Experiment in Middle Tennessee. PLoS ONE, 2015, 10, e0125406.	2.5	27
119	Joint control of terrestrial gross primary productivity by plant phenology and physiology. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2788-2793.	7.1	265
120	Soil respiration patterns and controls in limestone cedar glades. Plant and Soil, 2015, 389, 157-169.	3.7	11
121	Ecosystem carbon exchange in response to locust outbreaks in a temperate steppe. Oecologia, 2015, 178, 579-590.	2.0	9
122	Downâ€regulation of tissue N:P ratios in terrestrial plants by elevated CO₂. Ecology, 2015, 96, 3354-3362.	3.2	57
123	Dynamics of soil nematode communities in wheat fields under different nitrogen management in Northern China Plain. European Journal of Soil Biology, 2015, 71, 13-20.	3.2	20
124	Climate Change and Carbon Sequestration in Forest Ecosystems. , 2015, , 1-40.		7
125	Using Coal Fly Ash Agriculture: Combination of Fly Ash and Poultry Litter as Soil Amendments for Bioenergy Feedstock Production. Coal Combustion and Gasification Products, 2015, 7, 33-39.	1.0	12
126	In-Field Management Practices for Mitigating Soil CO₂ and CH₄ Fluxes under Corn (<i>Zea) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (2015, 04, 367-378.	0.9	1

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127	Effects of Soil Moisture on the Temperature Sensitivity of Soil Heterotrophic Respiration: A Laboratory Incubation Study. PLoS ONE, 2014, 9, e92531.	2.5	68
128	Near Isometric Biomass Partitioning in Forest Ecosystems of China. PLoS ONE, 2014, 9, e86550.	2.5	28
129	Spatial and Temporal Patterns of Carbon Storage in Forest Ecosystems on Hainan Island, Southern China. PLoS ONE, 2014, 9, e108163.	2.5	26
130	Field Performance and Yield of Four Pigeonpea Varieties in Middle Tennessee. Agronomy Journal, 2014, 106, 2202-2208.	1.8	3
131	Expression of Potential Regulatory Genes in Abdominal Adipose Tissue of Broiler Chickens during Early Development. Genetics Research International, 2014, 2014, 1-10.	2.0	6
132	Carbon stocks and potential carbon storage in the mangrove forests ofÂChina. Journal of Environmental Management, 2014, 133, 86-93.	7.8	114
133	Effect of Aluminum Treatment on Proteomes of Radicles of Seeds Derived from Al-Treated Tomato Plants. Proteomes, 2014, 2, 169-190.	3.5	21
134	Nitrous oxide emissions from a commercial cornfield (<i>Zea mays</i>) measured using the eddy covariance technique. Atmospheric Chemistry and Physics, 2014, 14, 12839-12854.	4.9	28
135	Effects of the Interception of Litterfall by the Understory on Carbon Cycling in Eucalyptus Plantations of South China. PLoS ONE, 2014, 9, e100464.	2.5	14
136	Atmospheric deposition and canopy exchange of anions and cations in two plantation forests under acid rain influence. Atmospheric Environment, 2013, 64, 242-250.	4.1	33
137	Kinetic parameters of phosphatase: A quantitative synthesis. Soil Biology and Biochemistry, 2013, 65, 105-113.	8.8	61
138	Why Don't We Call It â€œMeta-Data Synthesisâ€?. Bulletin of the Ecological Society of America, 2013, 94, 379-379.	0.2	0
139	Projecting terrestrial carbon sequestration of the southeastern United States in the 21st century. Ecosphere, 2013, 4, 1-18.	2.2	13
140	Responses of soil respiration and its temperature/moisture sensitivity to precipitation in three subtropical forests in southern China. Biogeosciences, 2013, 10, 3963-3982.	3.3	65
141	Effects of Understory Vegetation and Litter on Plant Nitrogen (N), Phosphorus (P), Nâˆ¶P Ratio and Their Relationships with Growth Rate of Indigenous Seedlings in Subtropical Plantations. PLoS ONE, 2013, 8, e84130.	2.5	11
142	Influences of biotic and abiotic factors on the relationship between tree productivity and biomass in China. Forest Ecology and Management, 2012, 264, 72-80.	3.2	38
143	Effects of Precipitation Increase on Soil Respiration: A Three-Year Field Experiment in Subtropical Forests in China. PLoS ONE, 2012, 7, e41493.	2.5	48
144	Century-Scale Responses of Ecosystem Carbon Storage and Flux to Multiple Environmental Changes in the Southern United States. Ecosystems, 2012, 15, 674-694.	3.4	130

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145	Impacts of urbanization on carbon balance in terrestrial ecosystems of the Southern United States. Environmental Pollution, 2012, 164, 89-101.	7.5	137
146	Impacts of Climatic Changes on Biogeochemical Cycling in Terrestrial Ecosystems. , 2012, , 433-470.		2
147	Soil temperature and moisture sensitivities of soil CO2 efflux before and after tillage in a wheat field of Loess Plateau, China. Journal of Environmental Sciences, 2011, 23, 79-86.	6.1	22
148	Field litter decomposition rate estimation: Does incubation starting time matter?. , 2011, , .		0
149	Plant carbon substrate supply regulated soil nitrogen dynamics in a tallgrass prairie in the Great Plains, USA: results of a clipping and shading experiment. Journal of Plant Ecology, 2011, 4, 228-235.	2.3	14
150	Characterizing Rhizodegradation of the Insecticide Bifenthrin in Two Soil Types. Journal of Environmental Protection, 2011, 02, 940-946.	0.7	10
151	Using Time Series Segmentation for Deriving Vegetation Phenology Indices from MODIS NDVI Data. , 2010, , .		10
152	Estimation of longâ€term basin scale evapotranspiration from streamflow time series. Water Resources Research, 2010, 46, .	4.2	64
153	Primary Productivity and Water Balance of Grassland Vegetation on Three Soils in a Continuous CO2 Gradient: Initial Results from the Lysimeter CO2 Gradient Experiment. Ecosystems, 2009, 12, 699-714.	3.4	35
154	Assessing interactive responses in litter decomposition in mixed species litter. Plant and Soil, 2009, 314, 263-271.	3.7	20
155	Spatial patterns in temperature sensitivity of soil respiration in China: Estimation with inverse modeling. Science in China Series C: Life Sciences, 2009, 52, 982-989.	1.3	10
156	Responses of dryland soil respiration and soil carbon pool size to abrupt vs. gradual and individual vs. combined changes in soil temperature, precipitation, and atmospheric [CO₂]: a simulation analysis. Global Change Biology, 2009, 15, 2274-2294.	9.5	78
157	Responses of net ecosystem CO2 exchange to nitrogen fertilization in experimentally manipulated grassland ecosystems. Agricultural and Forest Meteorology, 2009, 149, 1956-1963.	4.8	22
158	Global pattern of temperature sensitivity of soil heterotrophic respiration (Q₁₀) and its implications for carbonâ€climate feedback. Journal of Geophysical Research, 2009, 114, .	3.3	201
159	Gradual Global Environmental Change in the Real World and Step Manipulative Experiments in Laboratory and Field: The Necessity of Inverse Analysis. , 2009, , 267-291.		3
160	Convergence in the relationship of CO₂ and N₂O exchanges between soil and atmosphere within terrestrial ecosystems. Global Change Biology, 2008, 14, 1651-1660.	9.5	86
161	Converting Raw Data Into Ecologically Meaningful Products: Data-Model Assimilation in Ecology: Techniques and Applications; Norman, Oklahoma, 22-24 October 2007. Eos, 2008, 89, 39-39.	0.1	2
162	Measuring uncertainty in estimates of biodiversity loss: The example of biodiversity intactness variance. Biological Conservation, 2008, 141, 1091-1094.	4.1	15

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163	Effects of changing precipitation regimes on dryland soil respiration and C pool dynamics at rainfall event, seasonal and interannual scales. Journal of Geophysical Research, 2008, 113, .	3.3	48
164	Rates of litter decomposition in terrestrial ecosystems: global patterns and controlling factors. Journal of Plant Ecology, 2008, 1, 85-93.	2.3	832
165	Comprehensive comparison of gap-filling techniques for eddy covariance net carbon fluxes. Agricultural and Forest Meteorology, 2007, 147, 209-232.	4.8	744
166	Uncertainty in allometric exponent estimation: A case study in scaling metabolic rate with body mass. Journal of Theoretical Biology, 2007, 249, 168-177.	1.7	49
167	The 'hundred surnames' of China run into thousands. Nature, 2007, 448, 533-533.	27.8	2
168	Probabilistic inversion of a terrestrial ecosystem model: Analysis of uncertainty in parameter estimation and model prediction. Global Biogeochemical Cycles, 2006, 20, n/a-n/a.	4.9	200
169	Geographical and interannual variability in biomass partitioning in grassland ecosystems: a synthesis of field data. New Phytologist, 2006, 169, 85-93.	7.3	209
170	ELEVATED CO2STIMULATES NET ACCUMULATIONS OF CARBON AND NITROGEN IN LAND ECOSYSTEMS: A META-ANALYSIS. Ecology, 2006, 87, 53-63.	3.2	771
171	Solid lipid nanoparticles for enhancing vinpocetine's oral bioavailability. Journal of Controlled Release, 2006, 114, 53-59.	9.9	328
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